



O.A.R.A. is part of the Cavagna Group of companies that began operations in 1931 and continues to grow today in Northern Italy. Since its origin, the Group has become a world leader in the forging and machining of brass and stainless steel. It has supplied safe products of superior quality and value. Technological advancement and sophisticated working procedures have allowed the company to rapidly create new products and solutions for the gas control industry.

Appliance Regulators

Model 90 & 95 OARA Natural or LP Gas Common Features	
<ul style="list-style-type: none"> • Precise regulating control from full flow down to tiny pilot flows • All models are approved by International Approval Services (IAS) • Manufactured in order to meet utility specifications for use in residential, commercial and industrial applications • Materials of all component parts are corrosion-resistant • Diaphragm and washer are made of nitrile rubber • Housings are rugged aluminum die castings 	<ul style="list-style-type: none"> • Housings are rugged aluminum die castings • Vent limiter is made of brass • Regulators are supplied with a vent limiter type "O". In the event of diaphragm rupture, gas escapement is limited to within ANSI standard level. • Special manufacture of the regulator, with balancing and seat, guarantees excellent control of the outlet pressure in the event of absence of flow.




OARA Model 90					
Ambient Temp. Range	Pipe Size NPT		Venting		Emergency Exposure Limits
-40 to 205°F (-40 to 96°C)	1/2" x 1/2"		Vent limiter "O" 3-18 1/8" NPT		65 PSI (4.5 BAR) inlet side only
Outlet Pressure	1/2" psi=34.5 mbar	3/4" psi=52 mbar	1" psi=69 mbar	2" psi=138 mbar	5" psi=345 mbar
7" W.C.	155 (4.3)	200 (5.6)	230 (6.4)	280 (7.8)	345 (9.7)
8" W.C.	155 (4.3)	195 (5.5)	230 (6.4)	270 (7.6)	335 (9.4)
9" W.C.	145 (4.1)	190 (5.3)	215 (6.0)	260 (7.3)	325 (9.1)
10" W.C.	135 (3.8)	180 (5.0)	205 (5.7)	245 (6.7)	310 (8.7)
11" W.C.	125 (3.5)	170 (4.8)	195 (5.5)	235 (6.6)	300 (8.4)



OARA Model 95					
Ambient Temp. Range	Pipe Size NPT		Venting		Emergency Exposure Limits
-40 to 205°F (-40 to 96°C)	3/4" x 3/4"		Vent limiter "O" 6-38 3/8" NPT		65 PSI (4.5 BAR) inlet side only
Outlet Pressure	1/2" psi=34.5 mbar	3/4" psi=52 mbar	1" psi=69 mbar	2" psi=138 mbar	5" psi=345 mbar
7" W.C.	364 (10.3)	403 (11.4)	447 (12.7)	517 (14.6)	645 (18.3)
8" W.C.	359 (10.2)	394 (11.2)	447 (12.7)	509 (14.4)	636 (18.0)
9" W.C.	342 (9.7)	381 (10.8)	430 (12.2)	500 (14.2)	636 (18.0)
10" W.C.	329 (9.3)	377 (10.7)	403 (11.4)	496 (14.0)	627 (17.8)
11" W.C.	302 (8.5)	360 (10.2)	372 (10.5)	473 (13.4)	614 (17.8)


OARA Model 96 Poppet Design

The Type 96 Pressure Regulators are manufactured in order to supply the highest performance as Gas Appliance Regulators, in compliance with ANSI Z21.18 CGA 6.3. The Type 96 pressure governors are intended for use in main burner and pilot load applications, they feature precise regulating control from full flow down to tiny pilot flows. This model is available in fixed or adjustable outlet pressure where small adjustments can be made to the outlet pressures on installation with the appliance.

 <p>Model 96</p>	OARA Model 96				
	Ambient Temp. Range	Pipe Size NPT	Venting	Emergency Exposure Limits	Outlet Pressure
	-40 to 205°F (-40 to 96°C)	1/4" x 1/4" - 3/8" x 3/8"	Standard orifice 1.4 mm	2.5 psi (172 mbar)	2.8" fo 12" (7 to 30 mbar)


OARA Model 97 Poppet Design

The Type 97 Pressure Regulators are manufactured in order to supply the highest performance as Gas Appliance Regulators, in compliance with ANSI Z21.18 CGA 6.3. The Type 97 pressure governors are intended for use in main burner and pilot load applications, they feature precise regulating control from full flow down to tiny pilot flows. This model is available in a fixed or adjustable outlet pressure where small adjustments can be made to the outlet pressures on installation with the appliance.

 <p>Model 97</p>	OARA Model 97				
	Ambient Temp. Range	Pipe Size NPT	Venting	Emergency Exposure Limits	Outlet Pressure
	-40 to 205°F (-40 to 96°C)	3/8" x 3/8" - 1/2" x 1/2"	Standard orifice 1.4 mm	2.5 psi (172 mbar)	2.8" fo 12" (7 to 30 mbar)

OARA Model 98 Poppet Design

The Type 98 Pressure Regulators are manufactured in order to supply the highest performance as Gas Appliance Regulators, in compliance with ANSI Z21.18 CGA 6.3. The Type 98 pressure governor are intended for use in main burner and pilot load applications, they feature precise regulating control from full flow down to tiny pilot flows. This model is available in a fixed or adjustable outlet pressure where small adjustments can be made to the outlet pressures on installation with the appliance.

 <p>Model 98</p>	OARA Model 97				
	Ambient Temp. Range	Pipe Size NPT	Venting	Emergency Exposure Limits	Outlet Pressure
	-40 to 205°F (-40 to 96°C)	1/2" x 1/2" - 3/4" x 3/4"	Standard orifice 1.4 mm	2.5 psi (172 mbar)	3.3" fo 12" (7 to 30 mbar)

COMPARISON CHART FOR OARA AND MAXITROL

COMPARISON CHART FOR OARA AND MAXITROL	
OARA	MAXITROL
Type 90	325-3
Type 95	325-5A
Type 96	RV20L
Type 97	RV47L
Type 98	RV48L